Abstract of Disclosure

A method and the related apparatus for performing optimal power control of an optical disk drive includes reading a write-in data from an optical disk and generating a corresponding read result after the write-in data is written onto the optical disk with the default power, and accumulating a beta parameter according to a portion of the filtered read result whose level is higher than a first level and lower than a second level. The first level is substantially higher than the second level.

10   Figures